



## SAFETY DATA SHEET

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### 1) IDENTIFICATION OF SUBSTANCE:

#### SEMI-FLEXIBLE ALUMINIUM OXIDE GRINDING DISCS

MANUFACTURER/SUPPLIER: **KGS** DIAMOND PORTUGAL, LDA.  
Parque Empresarial de Lanheses - Fracção 6B e 7J  
4925-424 Lanheses  
Viana do Castelo  
Portugal

EMERGENCY INFORMATION: Call during regular office hours  
KGS Diamond Portugal  
+351 258 735 189

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### 2) HAZARDS I.D.

#### INHALATION ACUTE EXPOSURE EFFECTS

Dust may be slightly irritating to eyes and respiratory tract at high concentrations.

#### INHALATION CHRONIC EXPOSURE EFFECTS

Chronic: May affect breathing capacity.

For products containing phenol/formaldehyde resin, dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction.

For products containing inorganic fluorides:

Excessive exposure to inorganic fluorides have been shown to increase bone density.

#### EYE CONTACT ACUTE EXPOSURE EFFECTS

Dust may irritate eyes.

#### SKIN CONTACT ACUTE EXPOSURE EFFECTS

Some may experience skin irritation from dust.

#### INGESTION ACUTE EXPOSURE EFFECTS

No known adverse effects, but ingestion not recommended

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### 3) INFORMATION ON INGREDIENTS:

<u>SUBSTANCE DESCRIPTION</u>	<u>CAS #</u>
Aluminium Oxide	1344-28-1
Binder system *	N/A
Cloth or paper backing	N/A

\*Compound and/or mixture

CHEMICAL CHARACTERISATION: CAS number not applicable for complete disc.

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4) FIRST AID MEASURES:

INHALATION

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

SKIN CONTACT

Wash affected areas with soap and water. Obtain medical assistance.

EYE CONTACT

Wash with large amounts of water. Obtain first aid and medical assistance, if needed .

INGESTION

Call poison control centre, hospital emergency room or physician immediately.

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5) FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES

Not Applicable

HAZARDOUS PRODUCTS/COMBUSTION

None.

HAZARD RATING SOURCE

NFPA

HEALTH

2

FLAMMABILITY

0

REACTIVITY

0

OTHER

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6) ACCIDENTAL RELEASE MEASURES

Follow normal clean up procedures.

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7) HANDLING & STORAGE

HANDLING: Handle with adequate ventilation for nuisance dust

SAFE HANDLING ADVICE: None applicable when used as directed/intended

STORAGE: Avoid excessive heat.

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8) EXPOSURE CONTROLS & PERSONAL PROTECTION

VENTILATION PROTECTION

Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.

RESPIRATORY PROTECTION

Respirators are required when airborne contaminant levels exceed the TLV(s).

EYE PROTECTION

Always WEAR SAFETY GLASSES or some type of eye protection while sanding.

OTHER PROTECTION

Use of this product may create elevated sound levels. Hearing protection should be worn where required

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## 9) PHYSICAL & CHEMICAL PROPERTIES

Form	Solid article
Colour	Various, depending on grit size
Odour	None
<b>CHANGE IN CONDITION</b>	
Melting Point/Melting Range	Not applicable
Boiling Point/Boiling Range	Not applicable
Flash Point	Not applicable
Inflammability	Optional backings are inflammable
Ignition Temperature	Not available
Self Inflammability	Not available
Danger of Explosion	Material is not explosive
Solubility in Water	Insoluble
'pH Value	Not applicable
Viscosity	Not applicable

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## 10) STABILITY & REACTIVITY

Avoid acids of all types with a pH < 4.0.

### DECOMPOSITION

In use, dust and decomposing odours may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components.

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## 11) TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGY:	None known or expected when used as directed/intended
PRIMARY IRRITANT EFFECT:	Vapours from combustion or decomposition may be irritant
SENSITISATION:	At elevated temperatures this product may emit irritant vapours.
SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS:	May cause cancer (tumorigenic) according to animal data. No human data found.

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## 12) ECOLOGICAL INFORMATION

INFORMATION ABOUT ELIMINATION:	Not biologically degradable.
BAHAVIOUR IN ENVIRONMENTAL SYSTEMS:	Bioaccumulation unlikely.
GENERAL NOTES:	Generally not hazardous for water.

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## 13) DISPOSAL CONSIDERATIONS

RECOMMENDATIONS:	Dispose of waste in certified landfill in accordance with local regulations and available facilities. National or regional controls relating to disposal may apply.
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14) TRANSPORT INFORMATION

LAND TRANSPORT ADR/RID (CROSS BORDER)

ADR/RID-GGCS/E CLASS: Not applicable

NUMBER/LETTER: Not applicable

MARITIME TRANSPORT IMDG

IMDG CLASS: Not applicable

UN NUMBER: Not applicable

MARINE POLLUTANT: Not a marine pollutant

AIR TRANSPORT ICAO-T & IATA-DGR

ICAO/IATA CLASS: Not applicable

UN/ID NUMBER: Not applicable

COMMENT: Not a dangerous cargo

This product is not hazardous as defined by the Department of Transportation.(USA)

This product is "Not Regulated" under the Transportation of Dangerous Goods Act. (CAN)

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15) REGULATORY INFORMATION

DESIGNATION ACCORDING TO EC GUIDELINES:

This material is not subject to classification according to EC lists and other sources of literature known to us.

EXPOSURE LIMITS

Contact authorities for applicable limit.

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16) OTHER INFORMATION

The above information is based on our present knowledge and is taken from sources believed to be accurate at publication date, and shall not constitute a guarantee for any specific material features. KGS makes no warranty with respect to the accuracy and assumes no liability to any user of the product described.

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